OIPE JC42
MAR 04 2002
PATENT & TRADEMARK OFFICE



# DECLARATION FOR PATENT APPLICATION

COPY OF PAPERS
ORIGINALLY FILED

As a below ~~named~~ inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

**MICROMAGNETIC SYSTEMS AND METHODS FOR MICROFLUIDICS**

the specification of which is attached hereto unless the following is checked:

[X] was filed on November 30, 2001, as Application No. 09/997,998.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate, or section 365(a) of any PCT International application designating at least one country other than the United States listed below and have also identified below any foreign application for patent or inventor's certificate or PCT International application having a filing date before that of the application on which priority is claimed:

Prior Foreign PCT International Application(s)and any priority claims under 35 U.S.C. §§119 and 365(a),(b):

| (Number) | (Country-if PCT, so indicate) | (DD/MM/YY Filed) | Priority Claimed [ ] YES [ ] NO |
|---|---|---|---|
| | | | |

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below:

| (Application Number) | (filing date) |
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I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s), or §365(c) of any PCT International application(s) designating the United States of America listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

| 09/853,888 | 05/11/01 | pending |
|---|---|---|
| (Application No.) | (filing date) | (status-patented, pending, abandoned) |

PCT International Applications designating the United States:

| (PCT Appl. No.) | (U.S. Ser. No.) | (PCT filing date) | (status-patented,pending,abandoned) |
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I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

| | | | | | |
|---|---|---|---|---|---|
| Robert M. Abrahamsen | 40,886 | Jason M. Honeyman | 31,624 | Randy J. Pritzker | 35,986 |
| Konstantinos Andrikopoulos | 48,915 | Robert E. Hunt | 39,231 | Edward J. Russavage | 43,069 |
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Address all telephone calls to Timothy J. Oyer at telephone no. (617) 720-3500. Address all correspondence to:

Timothy J. Oyer
c/o Wolf, Greenfield & Sacks, P.C.,
Federal Reserve Plaza
600 Atlantic Avenue
Boston, MA 02210-2211

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

**Inventor's signature** **Date**

Full name of first joint inventor: Mara G. Prentiss
Citizenship: United States
Residence: 4 Dinsmore Court, Cambridge, MA 02138
Post Office Address: Same as above

**Inventor's signature** **Date**

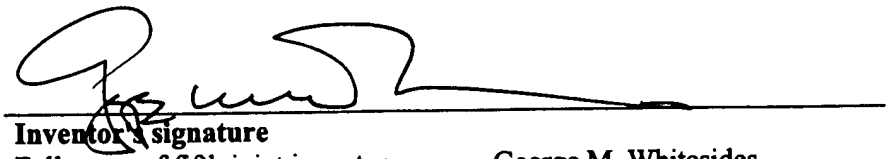
Full name of second joint inventor: Gary Zabow
Citizenship: United States
Residence: 99 Marion St., Apt. 2; Somerville, MA 02143
Post Office Address: Same as above

**Inventor's signature** **Date**

Full name of third joint inventor: Tao Deng
Citizenship: Peoples Republic of China
Residence: 339 Washington Street, Somerville, MA 02143
Post Office Address: Same as above

**Inventor's signature** **Date**

Full name of fourth joint inventor: Mala Lakshmi Radhakrishnan
Citizenship: United States
Residence: 15 Hampden Circle, Simsbury, CT 06070-1243
Post Office Address: Same as above



1/17/02

**Inventor's signature** **Date**

Full name of fifth joint inventor: George M. Whitesides
Citizenship: United States
Residence: 124 Grasmere Street, Newton, MA 02158
Post Office Address: Same as above

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COPY OF PAPERS ORIGINALLY FILED

Attorney Docket No. H0498/7153 TJO

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Residence: 4 Dinsmore Court, Cambridge, MA 02138
Post Office Address: Same as above

**Inventor's signature** **Date**

Full name of second joint inventor: Gary Zabow
Citizenship: United States
Residence: 99 Marion St., Apt. 2; Somerville, MA 02143
Post Office Address: Same as above

02/06/02

**Inventor's signature** **Date**

Full name of third joint inventor: Tao Deng
Citizenship: Peoples Republic of China
Residence: ~~339 Washington Street, Somerville, MA 02145~~
Post Office Address: Same as above 31 FULKERSON STREET, Apt #2 Cambridge, MA 02141

**Inventor's signature** **Date**

Full name of fourth joint inventor: Mala Lakshmi Radhakrishnan
Citizenship: United States
Residence: 15 Hampden Circle, Simsbury, CT 06070-1243
Post Office Address: Same as above

**Inventor's signature** **Date**

Full name of fifth joint inventor: George M. Whitesides
Citizenship: United States
Residence: 124 Grasmere Street, Newton, MA 02158
Post Office Address: Same as above

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**MICROMAGNETIC SYSTEMS AND METHODS FOR MICROFLUIDICS**

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**Inventor's signature** **Date**

Full name of second joint inventor: Gary Zabow
Citizenship: South African
Residence: 16 Magnus Avenue, Apt. 2, Somerville, MA 02143
Post Office Address: Same as above

**Inventor's signature** **Date**

Full name of third joint inventor: Tao Deng
Citizenship: Peoples Republic of China
Residence: 339 Washington Street, Somerville, MA 02143
Post Office Address: Same as above

2/7/02

**Inventor's signature** **Date**

Full name of fourth joint inventor: Mala Lakshmi Radhakrishnan
Citizenship: United States
Residence: ~~15 Hampden Circle, Simsbury, CT 06070-1243~~
Post Office Address: ~~Same as above~~
326 N Third Street MR
San Jose, CA 95112

**Inventor's signature** **Date**

Full name of fifth joint inventor: George M. Whitesides
Citizenship: United States
Residence: 124 Grasmere Street, Newton, MA 02158
Post Office Address: Same as above

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#3 Petition

Attorney's Docket No.: H0498/7153 TJO

Applicant: Mara G. Prentiss et al.
Serial No.: 09/997,998
Filed: November 30, 2001
For: MICROMAGNETIC SYSTEMS AND METHODS FOR MICROFLUIDICS

**STATEMENT CLAIMING SMALL ENTITY STATUS**
**(37 CFR 1.9(e) and 1.27(d) - NONPROFIT ORGANIZATION)**

I hereby declare that I am an official empowered to act on behalf of the nonprofit organization identified below:

NAME OF ORGANIZATION: President and Fellows of Harvard College
ADDRESS OF ORGANIZATION: 17 Quincy Street
Cambridge, MA 02138

TYPE OF ORGANIZATION: UNIVERSITY OR OTHER INSTITUTION OF HIGHER EDUCATION

I hereby declare that the nonprofit organization identified above qualifies as a nonprofit organization as defined in 37 CFR 1.9(e) for purposes of paying reduced fees under section 41 (a) and (b) of Title 35, United States Code with regard to the invention MICROMAGNETIC SYSTEMS AND METHODS FOR MICROFLUIDICS by inventor(s) Mara G. Prentiss et al., described in application serial no. 09/997,998, filed 11/30/01.

I hereby declare that rights under contract or law have been conveyed to and remain with the nonprofit organization with regard to the above-identified invention.

---

LIST OF OTHER CONCERNS HAVING RIGHTS IN THE INVENTION

If the rights held by the small business or nonprofit organization or individual inventor are not exclusive, each additional individual concern or organization having rights to the invention is listed below. (If your rights are exclusive, then no such person, concern or organization should be selected).

[ ] no such person, concern or organization
[X] persons, concerns or organizations listed below*

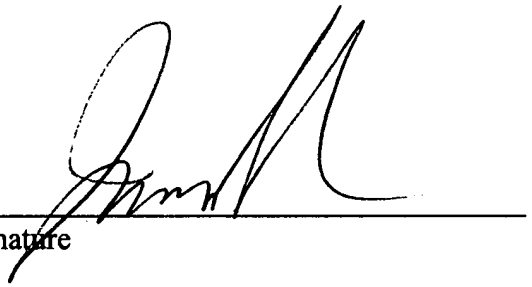
*NOTE: Separate statements are required from each named person, concern or organization having rights to the invention averring to their status as small entities.

FULL NAME Fluidigm Corporation
ADDRESS 7100 Shoreline Court, South San Francisco, CA 94080

[ ] INDIVIDUAL [X] SMALL BUSINESS CONCERN [ ] NONPROFIT ORGANIZATION

The concern or inventor identified above acknowledges the duty to notify the U.S. PTO of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b))

PRINTED NAME OF PERSON SIGNING: **Joyce Brinton, Director**
TITLE OF PERSON (if other than owner): **Office for Technology and Trademark Licensing**
ADDRESS OF PERSON SIGNING: **Harvard University**



Signature

1/14/02

Date

OIPE
MAR 04 2002
PATENT & TRADEMARK OFFICE

Attorney's Docket No. H0498/7153 TJO

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Applicant: Mara G. Prentiss et al.
Serial No.: 09/997,998
Filed: November 30, 2001
For: MICROMAGNETIC SYSTEMS AND METHODS FOR MICROFLUIDICS

**STATEMENT CLAIMING SMALL ENTITY STATUS**
**SMALL BUSINESS CONCERN**

I hereby declare that I am an official empowered to act on behalf of the nonprofit organization identified below:

NAME OF ORGANIZATION: Fluidigm Corporation
ADDRESS OF ORGANIZATION: 7100 Shoreline Court
South San Francisco, CA 94080

The small business concern identified below qualifies as a small business concern as defined in 13 CFR 121.3-18, and reproduced in 37 CFR 1.9(d), for purposes of paying reduced fees under section 41(a) and (b) of Title 35, United States Code, in that the number of employees of the concern, including those of its affiliates, does not exceed 500 persons. For purposes of this statement, (1) the number of employees of the business concern is the average over the previous fiscal year of the concern of the persons employed on a full-time, part-time or temporary basis during each of the pay periods of the fiscal year, and (2) concerns are affiliates of each other when either, directly or indirectly, one concern controls or has the power to control the other, or a third party or parties controls or has the power to control both.

I hereby declare that rights under contract or law have been conveyed to and remain with the small business concern with regard to the above-identified invention, MICROMAGNETIC SYSTEMS AND METHODS FOR MICROFLUIDICS, by Mara G. Prentiss et al., described in U.S. Patent Application Serial No. 09/997,998, filed 11/30/01.

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ADDRESS 17 Quincy Street, Cambridge, MA 02138

[ ] INDIVIDUAL [ ] SMALL BUSINESS CONCERN [X] NONPROFIT ORGANIZATION

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PRINTED NAME OF PERSON SIGNING: William M. Smith
TITLE OF PERSON (if other than owner): V.P., Legal Affairs
ADDRESS OF PERSON SIGNING: 710 Shoreline Hwy, Mill Valley, CA

Signature

1/22/04
Date

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Mara G. Prentiss — 11/25/02

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Post Office Address: Same as above

1/25/02

**Inventor's signature** **Date**

Full name of second joint inventor: Gary Zabow
Citizenship: GZ ~~United States~~ SOUTH AFRICA
Residence: GZ ~~99 Marion St., Apt. 2; Somerville, MA 02143~~ 16 MAGNUS AVE, APT 2, SOMERVILLE, MA, 02143
Post Office Address: Same as above

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